

CLAIMS

Claims 1-21. (Canceled)

Claim 22. (Currently Amended): A mat of fibrous media comprising: at least a first layered mat portion of selected first varied fiber size distribution therein, said varied fiber size distribution in said first layered mat portion resulting in and varied permeability within said first layered mat portion and at least a second layered mat portion of selected second varied fiber size distribution therein, said varied fiber size distribution in said second layered mat portion resulting in and varied permeability within said second layered mat portion, both said first and second layered mat portions being of substantially aligned fibers of first and second selected varied fiber size distributions and varied permeability with each being attenuated as layers from spaced orifice sources directly to separate, spaced collector sources forming said varied fiber size distribution and said varied permeability within each of said layered mat portions, one of such sources receiving said layered mat portion from the other immediately preceding spaced collector source, each of said layers having a substantially smooth surface.

Claim 23. (Original): The mat of fibrous media of Claim 22, wherein said first and second layered mat portions are combined in an interspersed manner.

Claim 24. (Original): The mat of fibrous media of Claim 22, wherein said first and second layered mat portions are combined in a successive manner.

Claim 25. (Original): The mat of fibrous media of Claim 22, wherein at least one portion of said layered portions is a product of turbulently entangled fibers with varied fiber size distribution.

Claim 26. (Original): The mat of fibrous media of Claim 22, wherein said fibers of said first layered portion are of melt blown composition and said fibers of said second layered portion are of melt blown composition.

Claim 27. (Previously Presented): The mat of fibrous media of Claim 22, wherein said fibers of said first layered portion are of a varied size distribution in the approximate range of zero point one (0.1) to twenty seven (27) micrometers and said second layered portion are of a varied fiber size distribution in the approximate range of one (1) to fifty (50) micrometers.

Claim 28. (Previously Presented): The mat of fibrous media of Claim 23, wherein said fibers of said first layered portion have a varied permeability range varying within the approximate range of five (5) to two thousand (2000) cubic feet per minute per square foot (cfm/ft^2) permeability and said fibers of said second layers have a varied permeability range varying within the approximate range of thirty (30) to four thousand (4000) cubic feet per minute per square foot (cfm/ft^2) permeability.

Claim 29. (Currently Amended): A mat of fibrous filter media comprising: at least a first layered filter media mat portion of synthetic melt blown composition with approximate varied fiber size distributions within said first layered mat portion varying within the approximate range of zero point one (0.1) to twenty seven (27) micrometers and a varied permeability within said second layered mat portion varying within the approximate range of five (5) to two thousand (2000) cubic feet per minute (cfm/ft^2) and, a second successive layered filter media mat portion of synthetic melt blown composition with varied fiber size distributions varying within the approximate range of one (1) to fifty (50) micrometers and varied permeability varying within the approximate range of thirty (30) to four thousand (4000) cubic feet per minute per square foot (cfm/ft^2), each layered portion having been attenuated as layers from selectively spaced melt blown orifice sources to separate spaced rotating collector sources with one of such sources receiving said layered mat portion from the other immediately preceding collector source

Claims 30-32 (Canceled):

Claim 33. (Currently Amended): A fibrous filter media comprising a plurality of fibrous layers, said plurality of fibrous layers having a first and second fibrous layer, said first fibrous layer having a first varied fiber size distribution within said first layer and first varied porosity within said first layer, said second fibrous layer having a second varied fiber size distribution within said second layer and second varied porosity within said second layer, said first and said second fibrous layers each being attenuated as layers from spaced orifice sources directly to separate, spaced rotating collector sources with one of such sources receiving said layered mat portion from the other immediately preceding spaced rotating collector source forming a mat of fibrous media.

Claim 34. (Previously Presented): The fibrous filter media of Claim 33 wherein said first fiber size varies within in a range within the range of approximately 0.1 to 27 micrometers.

Claim 35. (Previously Presented): The fibrous filter media of Claim 33 wherein said first porosity varies within in a range within the range of approximately 5 to 2000 cfm/ft².

Claim 36. (Previously Presented): The fibrous filter media of Claim 33 wherein said second fiber size varies within in a range within the range of approximately 1 to 50 micrometers.

Claim 37. (Previously Presented): The fibrous filter media of Claim 33 wherein said second porosity varies within in a range within the range of approximately 30 to 4000 cfm/f².

Claim 38. (Previously Presented): The fibrous filter media of Claim 33 wherein said plurality of fibrous layers have a synthetic composition.

Claim 39. (Previously Presented): The fibrous filter media of Claim 33 wherein said plurality of fibrous layers has a third fibrous layer adjacent said second fibrous layer and having a third varied fiber size distribution and third varied porosity, said third varied fiber size distribution

being substantially similar to said second varied fiber size distribution and said third varied porosity being substantially similar to said second varied porosity.

Claim 40. (Previously Presented): The fibrous filter media of Claim 33 wherein at least one of said plurality of fibrous layers has a portion of the fibers having been curled and entangled.

Claim 41. (Previously Presented): The fibrous filter media of Claim 33 wherein said first varied fiber size distribution range is smaller than said second varied fiber size distribution range.

Claim 42. (Previously Presented): The fibrous filter media of Claim 33 wherein said first fibrous layer has a smooth surface opposite said second fibrous layer, said first varied fiber size distribution range being less than said second varied fiber size distribution range.

Claim 43. (Previously Presented): The fibrous filter media of Claim 33 wherein said first fibrous layer has a smooth surface opposite said second fibrous layer, said second fibrous layer having curled and entangled fibers with a greater size distribution range than said first varied fiber size distribution range.

Claim 44. (Previously Presented): The fibrous filter media of Claim 33 wherein said first fibrous layer has a smooth surface opposite said second fibrous layer, said second fibrous layer having a greater varied fiber size distribution range than said first varied fiber size distribution range, said second fibrous layer having a smooth surface opposite said first fibrous layer.